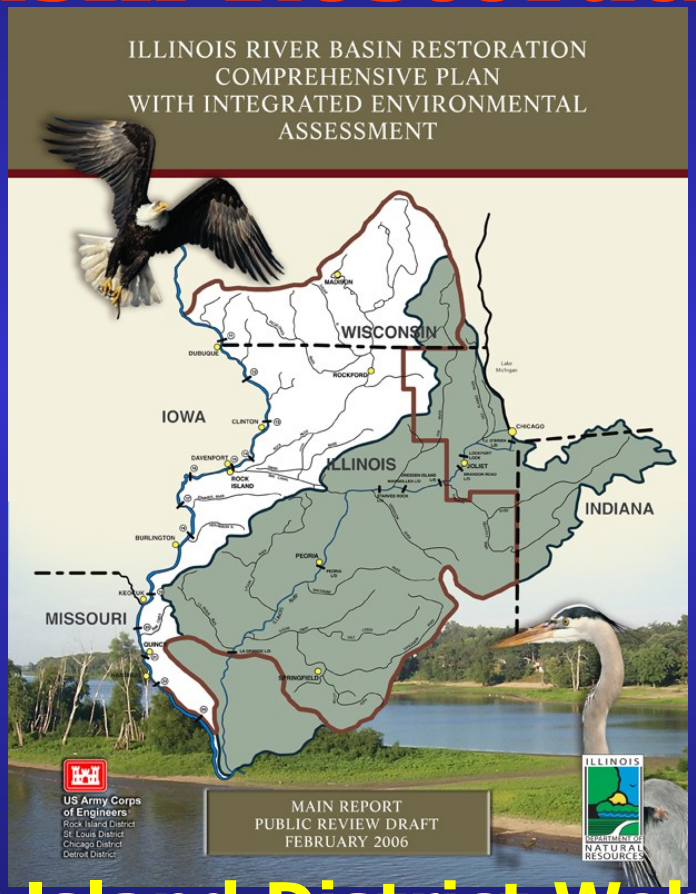
Collaborative Implementation Framework for Illinois River Basin Restoration



Rock Island District Website:
http://www.mvr.usace.army.mil

One Team: Relevant, Ready, Responsive and Reliable

Illinois River Basin Restoration

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Study Area & Concept

- Watershed Based Ecosystem Rest.
- Multi-State
- Multi-District
- Multi-Agency

Responsive and Reliable

Problem: loss of ecological integrity.

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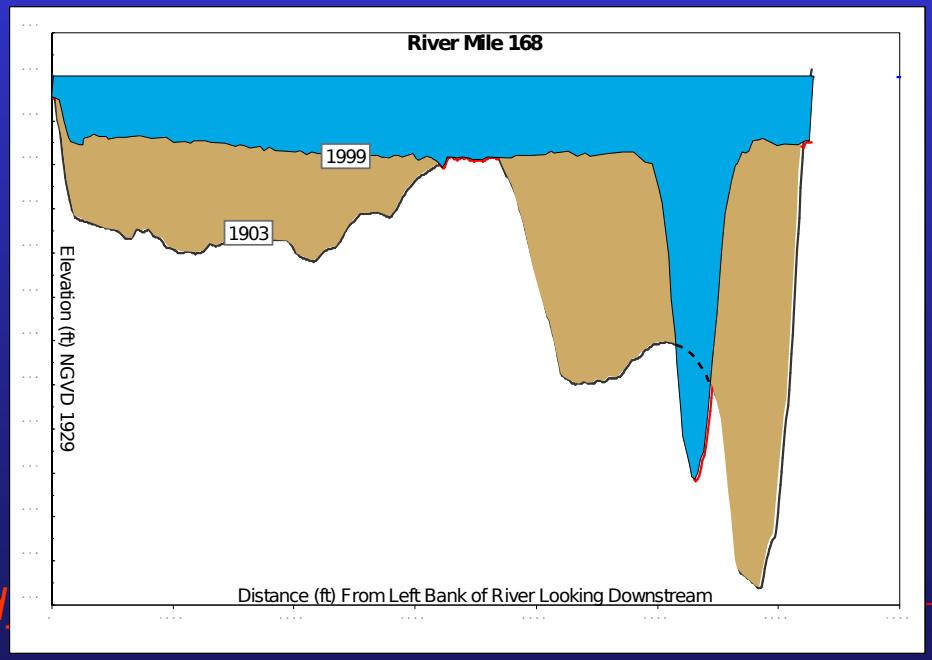
o

- Loss of aquatic vegetation
- Decline in macroinvertebrates
- Loss of diving ducks and food for migratory waterfowl
- Limitations in fisheries
- Fragmented populations

due to…

- Destabilized tributary streams
- Sedimentation of backwaters & side channels
- Floodplain alteration
- Water level fluctuations



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Recommended Plan
50 Year Implementation
All Agencies/Programs

- **Alt 6 – $8 billion total – through 2055**
  - **Projects $7.2**
    - **Small Watersheds – 150 watersheds**
    - **Major Tribs – 88 reaches**
    - **Main Stem – 60 backwaters, 35 SC/Islands, 150 floodplain areas**
  - **Technologies and Innovative Approaches $700 M**
  - **Management $55 M**
- **Tiered Implementation $153 million (2011)**

Other Studies Approach to Collaboration

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- Everglades
  - Interagency Co-located Teams
  - Cross cut budget document
- Upper Mississippi River – Illinois Waterway System Navigation Study
  - Federal Principles Group
- Louisiana Coastal Area
  - Interagency Co-located teams

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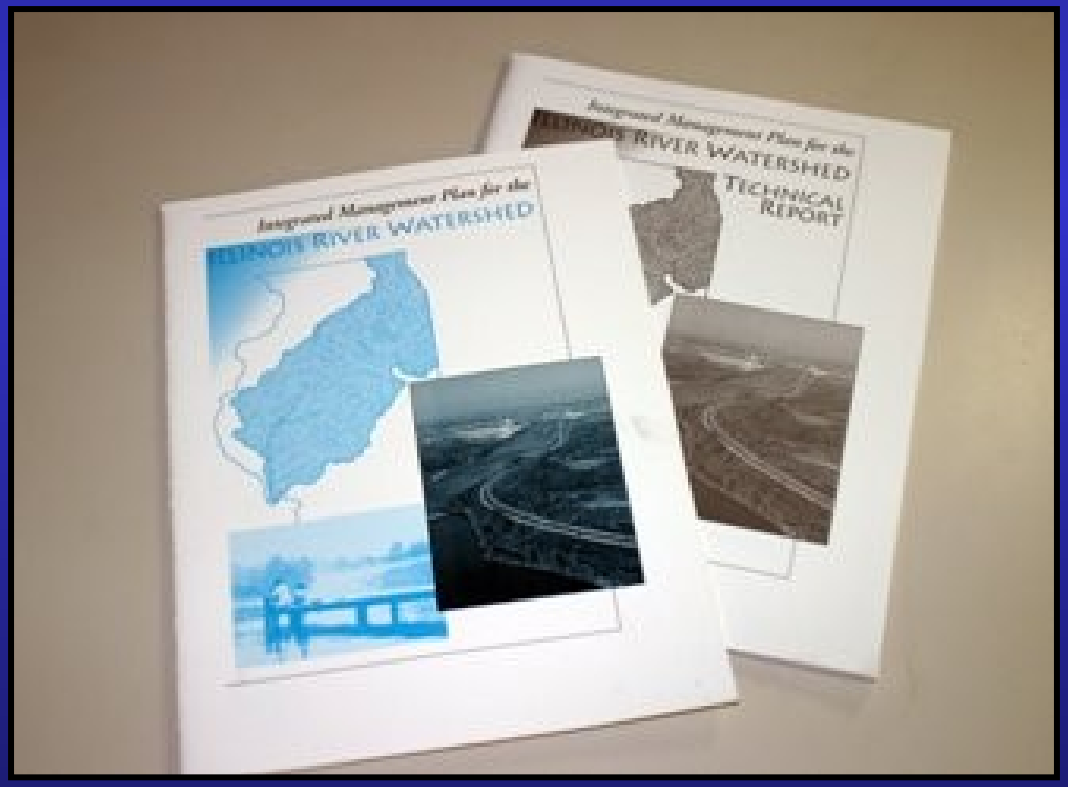
State Planning Efforts

1997 Illinois River Integrated Management Plan, a comprehensive plan developed by 150 watershed residents.



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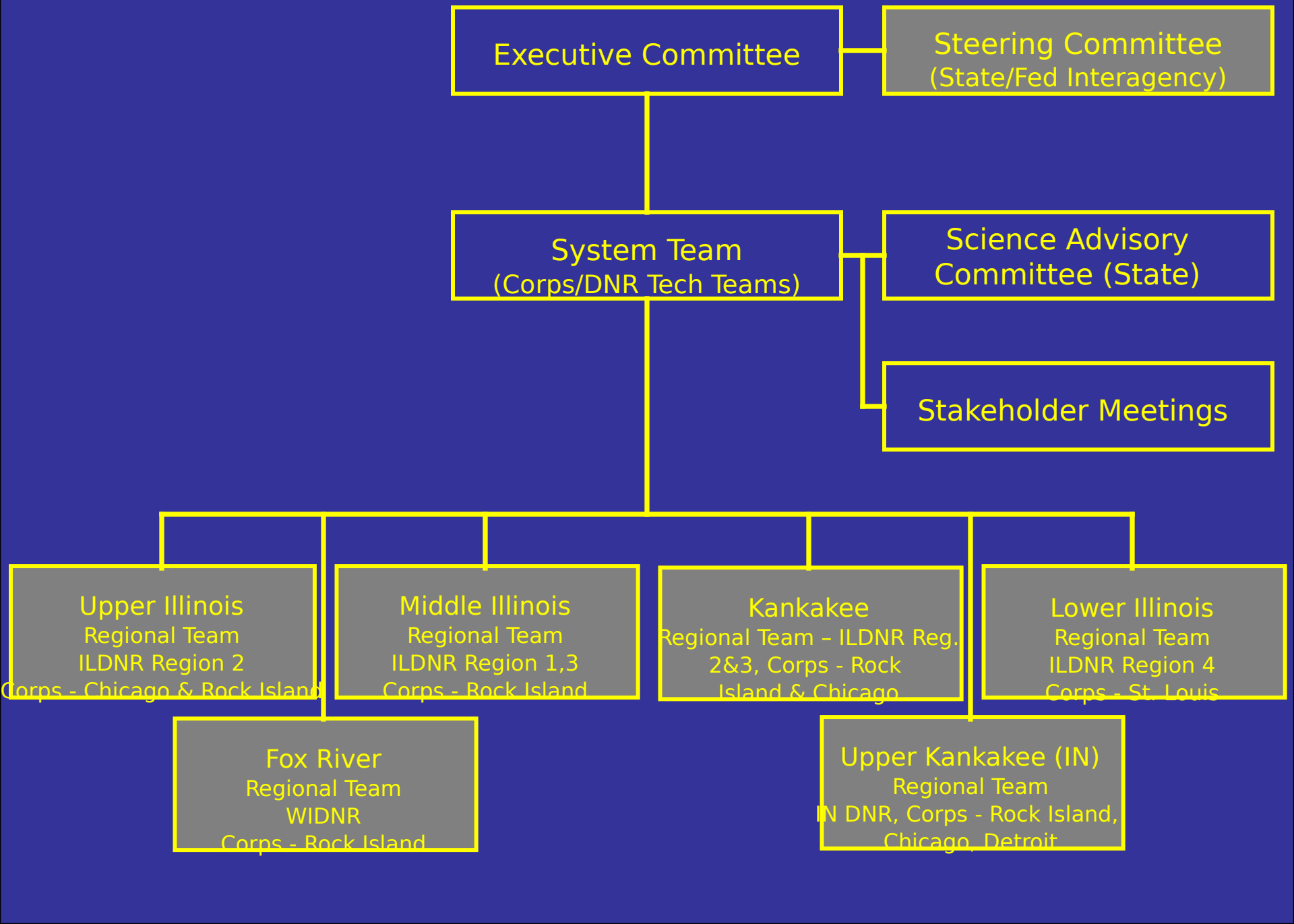
Initial Collaboration

- **Study initially focused on developing organization structure**
  - **Multiple levels of coordination among agencies**
  - **Careful**


Executive Committee
Steering Committee
(State/Fed Interagency)
System Team
(Corps/DNR Tech Teams)
Science Advisory Committee (State)
Stakeholder Meetings
Upper Illinois
Regional Team
ILDNR Region 2
Corps - Chicago & Rock Island
Middle Illinois
Regional Team
ILDNR Region 1,3
Corps - Rock Island
Kankakee
Regional Team – ILDNR Reg. 2&3, Corps - Rock Island & Chicago
Lower Illinois
Regional Team
ILDNR Region 4
Corps - St. Louis
Fox River
Regional Team
WIDNR
Corps - Rock Island
Upper Kankakee (IN)
Regional Team
IN DNR, Corps - Rock Island, Chicago, Detroit

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Illinois River Steering Committee

- **Membership**
  - State – IL DNR, IL EPA, IL DOA, SWCD
  - Federal – Corps, FWS, NRCS, FSA, USGS, EPA
- **Purpose**
  - Coordinate State and Federal actions
  - Facilitate interagency support and information sharing
  - Provide a forum for discussion and comment

USDA

USGS science for a changing world

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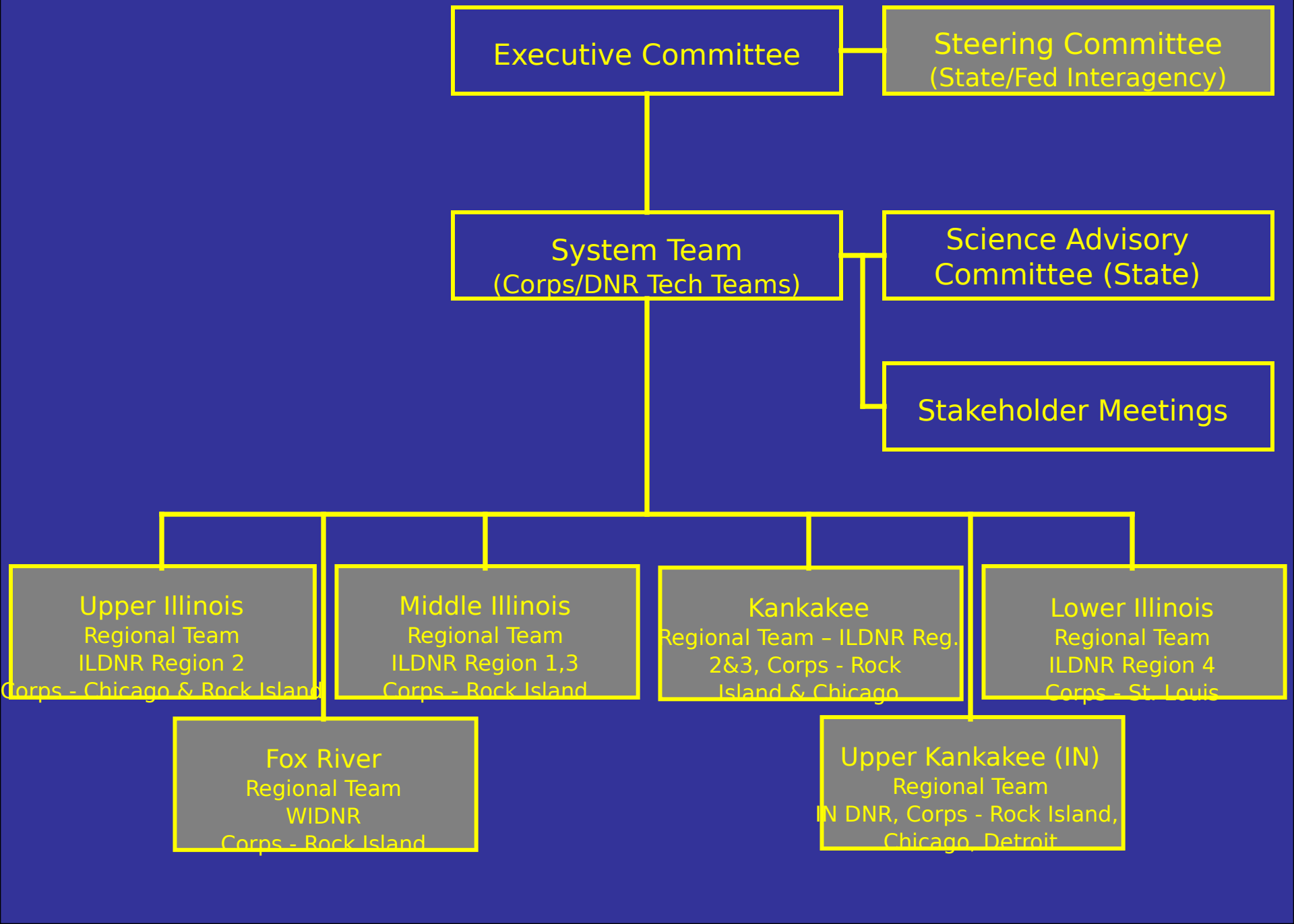
One Team: Relevant, Ready, Responsive and Reliable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Illinois River Basin Restoration Regional Teams (4-6 Teams)

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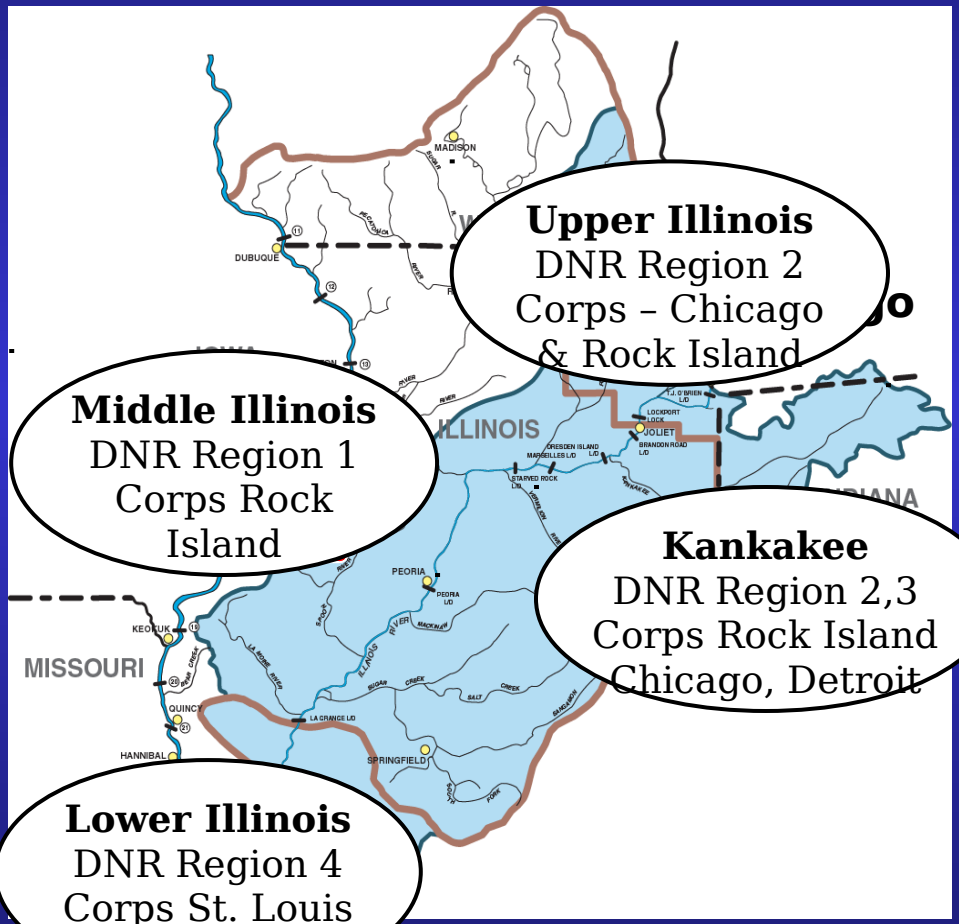

- Illinois DNR and Corps
- Illinois EPA
- Illinois Depart. of Agriculture
- States of Indiana and Wisconsin
- NRCS & FSA
- USFWS
- U.S. EPA
- USGS
- Local Groups - Ecosystem Partnerships, SWCDs, NGOs, L&DDs, and local government

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AFB Comments on Collaboration

- "Proper focus for this discussion should be agency missions, programs and authorities"

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Estimating Work by Agency Focus on Mission & Programs

- **Sediment Delivery** – 40% Corps focus on in-stream efforts
  40% USDA with a focus on detention areas
  20% USEPA-319 funds with a focus on water quality

- **Backwaters / Side Channels / Islands** - All Corps, 75 percent NESP/EMP and 25 percent Sec 519

- **Mainstem Floodplain** - Corps 20,000 acres NESP/EMP
  27,500 acres Corps Sec 519
  27,500 acres funded through USDA's WRP and CRP programs

- **Tributary/Floodplain/Riparian** –
  40% Corps focus wetland and instream structures,
  40% USDA focus on corridor and buffers,
  15% USEPA-319 funds,
  5% USFWS Partners for Fish and Wildlife

Estimated Funding Sources

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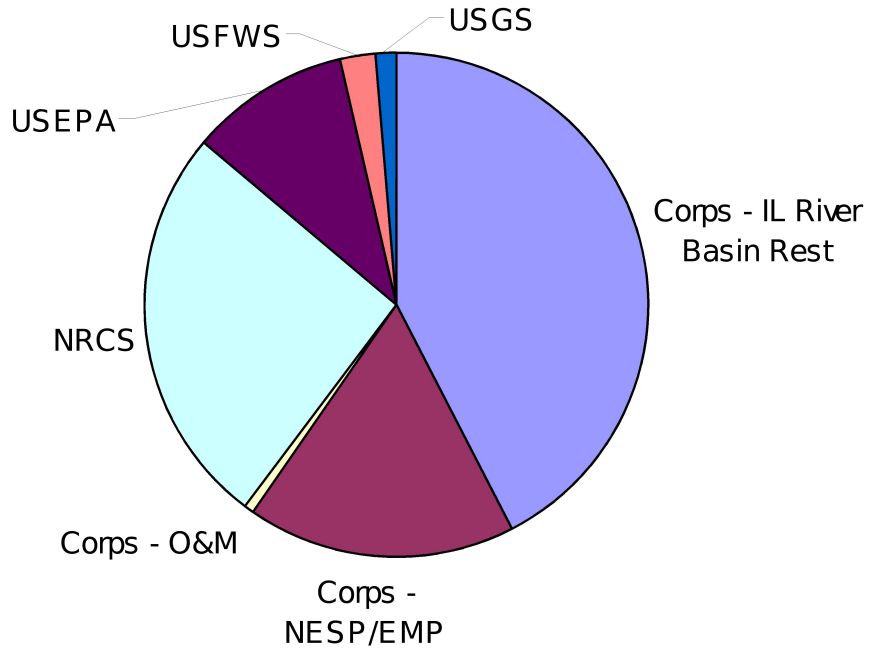

Estimated amount by Federal agency shown

(state or local match required for

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Recommendations Modification of Section 519

- **Improve Cooperation and Partnerships**
  - **Coop agreements between Corps of Engineers and State, U of I , and units of local government**
  - **Cooperative agreements with NRCS**
  - **NGOs added as potential sponsors**

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Conclusions

- Collaborative Implementation is critical to most watershed studies
- Partnering agencies should be engaged early and made partners in the study process
- Where funding is limited need to look for innovative ways to bring multiple agencies together (know their authorities)
- See vertical team assistance in collaboration with other agencies

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Questions?

Illinois Basin Restoration Website

http://www.mvr.usace.army.mil/ILRiverEco/default.htm

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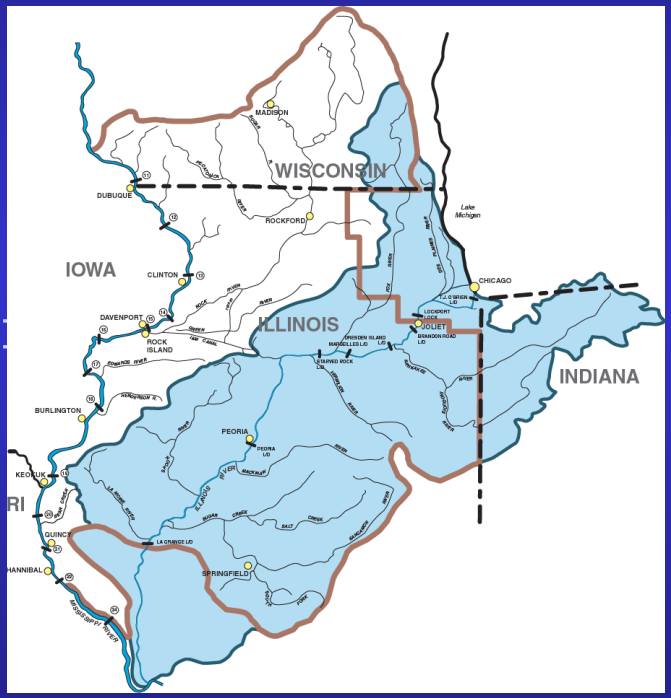

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